Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072321\
Data File : BF124723.D
Acq On : 23 Jul 2021 20:45
Operator : JU/CG
Sample : M3114-07MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

Manual Integrations APPROVED
mohammad
7/27/2021 12:04:16 PM

Quant Time: Jul 23 23:30:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	7487	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	29703	20.000	ng	#	0.00
39) Acenaphthene-d10	9.910	164	16552	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	27954	20.000	ng		0.00
76) Chrysene-d12	14.039	240	15110	20.000	ng	#	0.00
86) Perylene-d12	15.504	264	13698	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	32231	72.889	ng		0.00
7) Phenol-d6	6.493	99	24033	43.353	ng		0.00
23) Nitrobenzene-d5	7.440	82	49549	99.284	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	20124	141.604	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	108828	96.569	ng		0.00
79) Terphenyl-d14	12.986	244	93258	105.796	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	3571	23.103	ng	#	100
3) Pyridine	3.446	79	6809	18.609	ng		93
4) n-Nitrosodimethylamine	3.399	42	7211	24.920	ng	#	99
6) Aniline	6.534	93	20217	35.486	ng		95
8) 2-Chlorophenol	6.651	128	21542	43.192	ng		94
9) Benzaldehyde	6.422	77	15337	51.387	ng		95
10) Phenol	6.504	94	9505	17.905	ng		98
11) bis(2-Chloroethyl)ether	6.604	93	22491	53.434	ng		94
12) 1,3-Dichlorobenzene	6.810	146	26094	48.138	ng		96
13) 1,4-Dichlorobenzene	6.887	146	26040	48.018	ng		95
14) 1,2-Dichlorobenzene	7.040	146	25029	47.769	ng		95
15) Benzyl Alcohol	7.010	79	13122	35.996	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.145	45	38265	54.013	ng		99
17) 2-Methylphenol	7.122	107	13256	36.484	ng		98
18) Hexachloroethane	7.387	117	10242	49.828	ng		92
19) n-Nitroso-di-n-propyla...	7.292	70	16770	56.652	ng	#	94
20) 3+4-Methylphenols	7.275	107	15868	33.055	ng	#	81
22) Acetophenone	7.281	105	36738	53.373	ng	#	95
24) Nitrobenzene	7.457	77	23559	48.150	ng		97
25) Isophorone	7.698	82	43726	49.551	ng		94
26) 2-Nitrophenol	7.769	139	13890	51.255	ng	#	90
27) 2,4-Dimethylphenol	7.804	122	21575	51.739	ng		92
28) bis(2-Chloroethoxy)met...	7.904	93	28428	55.436	ng	#	97
29) 2,4-Dichlorophenol	8.010	162	20650	46.759	ng		96
30) 1,2,4-Trichlorobenzene	8.098	180	22683	46.863	ng		93
31) Naphthalene	8.181	128	75669	48.816	ng		97
32) Benzoic acid	7.904	122	5928	18.367	ng		98
33) 4-Chloroaniline	8.222	127	18791	32.238	ng		96
34) Hexachlorobutadiene	8.292	225	13226	45.712	ng		98
35) Caprolactam	8.610	113	819m	7.135	ng		
36) 4-Chloro-3-methylphenol	8.698	107	19768	46.928	ng		97
37) 2-Methylnaphthalene	8.869	142	51427	49.653	ng		100
38) 1-Methylnaphthalene	8.969	142	47429	48.338	ng		99
40) 1,2,4,5-Tetrachloroben...	9.034	216	23213	50.264	ng		96
41) Hexachlorocyclopentadiene	9.022	237	23487	85.960	ng		96
43) 2,4,6-Trichlorophenol	9.145	196	15937	48.611	ng		95

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44) 2,4,5-Trichlorophenol	9.181	196	16304	48.433	ng		95
46) 1,1'-Biphenyl	9.334	154	60467	48.941	ng		99
47) 2-Chloronaphthalene	9.357	162	48749	49.842	ng		99
48) 2-Nitroaniline	9.451	65	13017	50.827	ng		98
49) Acenaphthylene	9.775	152	74826	49.608	ng		98
50) Dimethylphthalate	9.639	163	57825	50.736	ng	#	99
51) 2,6-Dinitrotoluene	9.698	165	12816	50.900	ng		97
52) Acenaphthene	9.951	154	53631m	53.637	ng		
53) 3-Nitroaniline	9.869	138	8341	31.488	ng		97
54) 2,4-Dinitrophenol	9.975	184	13794	94.741	ng		92
55) Dibenzofuran	10.122	168	68178	47.717	ng		97
56) 4-Nitrophenol	10.016	139	8759	41.872	ng		96
57) 2,4-Dinitrotoluene	10.104	165	16362	47.886	ng	#	89
58) Fluorene	10.463	166	53674	48.969	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.233	232	13315	50.084	ng	#	93
60) Diethylphthalate	10.339	149	59059	49.832	ng		98
61) 4-Chlorophenyl-phenyle...	10.451	204	25489	48.105	ng		96
62) 4-Nitroaniline	10.486	138	11717	44.703	ng		89
63) Azobenzene	10.616	77	51592	49.206	ng		97
65) 4,6-Dinitro-2-methylph...	10.510	198	8349	46.118	ng		85
66) n-Nitrosodiphenylamine	10.575	169	45424	50.144	ng		97
67) 4-Bromophenyl-phenylether	10.945	248	14867	50.147	ng		92
68) Hexachlorobenzene	11.010	284	15920	51.705	ng	#	90
69) Atrazine	11.104	200	12680	46.039	ng		97
70) Pentachlorophenol	11.204	266	19126	99.895	ng		94
71) Phenanthrene	11.428	178	72839	48.447	ng		99
72) Anthracene	11.480	178	74109	49.305	ng		99
73) Carbazole	11.627	167	61719	43.806	ng		99
74) Di-n-butylphthalate	11.957	149	89701	47.799	ng		100
75) Fluoranthene	12.622	202	65483	42.680	ng		97
77) Benzidine	12.727	184	15667	36.769	ng	#	95
78) Pyrene	12.839	202	63341	52.951	ng		98
80) Butylbenzylphthalate	13.457	149	28508	49.757	ng	#	97
81) Benzo(a)anthracene	14.027	228	47104	47.691	ng		100
82) 3,3'-Dichlorobenzidine	13.986	252	11947	43.585	ng	#	98
83) Chrysene	14.063	228	46483	48.850	ng		98
84) Bis(2-ethylhexyl)phtha...	14.016	149	42532	50.398	ng		99
85) Di-n-octyl phthalate	14.627	149	66785	48.767	ng		99
87) Indeno(1,2,3-cd)pyrene	16.986	276	46370	58.635	ng		96
88) Benzo(b)fluoranthene	15.074	252	47095	48.832	ng		97
89) Benzo(k)fluoranthene	15.110	252	40049	45.447	ng		98
90) Benzo(a)pyrene	15.445	252	42105	52.262	ng		98
91) Dibenzo(a,h)anthracene	17.004	278	40275	58.175	ng		97
92) Benzo(g,h,i)perylene	17.439	276	39536	60.222	ng	#	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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